

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT ✓
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS ✓
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIGURE 1

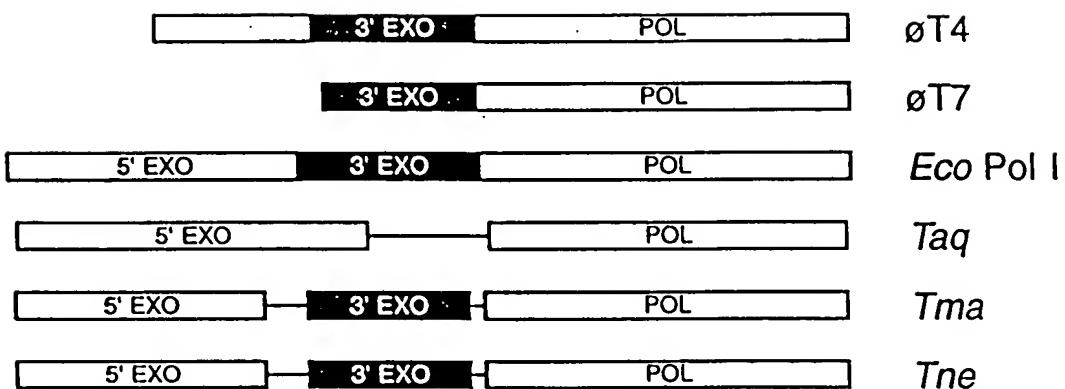


FIGURE 2

		Exo I	Exo II	Exo III
Bsu Pol III	419	ETYV-VFDTETTG [▲] SAV [▼]	502	EVAHN-A-SEDMIGFLN [▲]
Eco Pol III ε	6	TRQI-VLD [▲] ETTG [▼] MNQIG	95	EVTHN-AA-FEDIGMD
ØT4	182	RVIYMPFDNERDM [▲] MEYI	210	FTGWMN-EGEDVPYIM
ØT7	1	---MIVSDIEANAVLESV	57	V-FRANGH-KYDVPALT
Eco Pol I	348	KAPVF [▲] AFDNE [▼] ETDSLDNIS	417	V-GQNL--KYDRGIIA
Tma	316	ESP [▲] SFAIDETSS [▼] LDPFD	382	V-GQNL--KEDIVKLM
The	316	EVP [▲] SFAIDETSS [▼] LDPFN	382	V-GQNL--KEDIVKLM
				552 TLCKKF-DIEETQH
				147 ALCARY-EIDNSKR
				332 DKIRGF--IDLVLIS
				165 EEMMD [▲] NVQDVVVT
				492 EAGRYAAEDADVT
				459 EKAANYSCEDADIT
				459 DKAANYSCEDADIT

FIGURE 3

MVOIPQNPLILVDCSSVYRAYHAF-PPLTNSAGEPTIGAMYGVLMIRSLIMQY---KPTHAAVVFDAKGKTFRDELFEPH Eco
 MAR-----LFLFDGTALAYRAYYALDRSLSTSTGIPTNAYGVARMLVRFIKDHIIVGKDYAAVAFDKKAATFRHKLLEI Tma
 MAR-----LFLFDGTALAYRAYYALDRSLSTSTGIPTNavyGVARMLVFKIKEHIIPEKDYAAVAFDKKAATFRHKLLEA The

 17 YKSHRPPMPIDLRAQIEPLHAMKAMGLPLIAVSGVEADDVICTLAREAEKAGRPNLITSTGDKDMQLVTPNITL--IN Eco
 16 YKAQRPKTPDLLTQQLPYIKKLVEALGKVLVEGYEADDIATLAVKGPLFDEIFIVTGDKDMQLVNEKIKVWRIVK Tma
 16 YKAQRPKTPDLLVQQLPYIKRLIEALGFVKELEGYEAADDIATLAVKGCTFFDEIFIVTGDKDMQLVNEKIKVWRIVK The

 154 TMTNTIL-GPEEVNKYGVPPETIIDFLAMGDSNDNIPGVEGVGEKTAQALLQGLGGIDTLYAEFEKIAGLSFRGAKTM Eco
 156 GISDLELYDAOKVKEKYGVEPQIPDLLALTGDEIDNIPGVTGIGEKTAVQLLSKYKDLIEDIL--NIVRELPOKVRKA Tma
 156 GISDLELYDSKKVVKERYGVEPHQIPDLLALTGDEIDNIPGVTGIGEKTAVQLLGKYRNLEDIL--EHARELPQRVRKA The

 233 AAKLEONKEVAYLSYOLATIKIDVEELTOPOLEVQOPAAEPLIGLFFKYEPRKWTADVEAGKWLQAKGAKPAAKPOETS Eco
 232 ---LLRDRENAILSKKLAILETNPIEINWEPLRYQGYDREKLLFILKELEF-----ASIMKELQ Tma
 232 ---LLRDREVAILSKKLAITLETNPVAPVEVDWEEMKYRGYDKRKLIPILKELEF-----ASIMKELQ The

 313 VADEAPEVTATVISYDNYVTLDEETLKAWIAKIEKAPVFAFDTEIDSLDNISANLVGLSFATEPGVAAAYIPVADYLDI Eco
 289 LYEESEPVG-----YRIVKDLVEFEKLIIEKIRESPSFAIDLETSSLDPFDDIVGISVSFKPKAYYIPLHHR--N Tma
 289 LYEEAEPTG-----YEIVKDHKTFEDLIEKLKEVPSFALDLETSSLDPFNCEIVGISVSFKPKTAYYIPLHHR--N The

 393 PDOIISRERALELLKPLDEDEKALKVGQNLKYDRGILANVIELRGIAFDIMLESYILNSVAGRHDMDSLAERWLKHKTIT Eco
 358 AQNLDEKEVLLKKLKEILEDPCKAKIVGQNLKDYKVLVKGVEPVPPYFDTMIAAYLLEPNEKKFNLDLALKFLGYKMTS Tma
 358 AQNLDETLVLSKLKEILEDPSSKIVGQNLKYDYKVLVKGISPVYPHFDTMIAAYLLEPNEKKFNLEDLSLALKFLGYKMTS The

 473 FEEIAGKGKNN--OLTFNOIALEFAGRVAAEADADVTLQIHLKMPDLOKHKGPLNVFENIEMPLPVLSRIPRNGVKID Eco
 438 YQELMSFSPLFGFSFADVPVKEAANYSCEDADITYRLYKIL--SLKLHEADLENFYKIEMLPVNLARMELNGVYVDT Tma
 438 YQELMSFSSPLFGFSFADVPVDAANYSCEDADITYRLYKIL--SMKLHEAELENVYRIEMPLPVNLARMELNGVYVDT The

 550 KVLINHSEELTLRLAELKAHEIAGEEFNLSSIKOLOQITLFEKOGIKPL-KKTPGGAESTSPEVLEELALDYPLPKVIL Eco
 516 EFLKKLSEEVYGGKLEELAIFIYRIAGEPFNINSPKQVSRLFEKLGIKPRGTTKTDYSTRIEVLEELAGEHEIIIPLL Tma
 516 EFLKKLSEEVYGGKLEELAEKIYQIAGEPFNINSPKQVSKILFEKLGIKPRGTTKTDYSTRIEVLEELANEHEIVPLIL The

 629 EYRQIAKLKSTYIDKLPVNPKTGRHISYHOAVTATGRLSSIDPNLQNTIPVRNEEGRIRCAFIAPEDVIVSADYS Eco
 596 EYRKIQQLKSTYIDALPKVNPKTGRIHASFQTGTATGRLSSSDPNLQNLPTKSEEGKEIRKAIVPQDPNWIVSADYS Tma
 596 EYRKIQQLKSTYIDALPKVNPKTGRIHASFQTGTATGRLSSSDPNLQNLPTKSEEGKEIRKAIVPQDPNWIVSADYS The

 708 QIELRIMAHLSRDKGIDTAFADKDIHRAAEEVGLPFEIVSBRRSAKAINFELIYGMASFGLAROINIPKEAECKY Eco
 676 QIELRILAHLSGDENLRAFEEGIDVHTLTASRIENVKPEEVTEEMRRAGKVNFSIIVGVTPLYGLSVRLGPVKEAEKM Tma
 676 QIELRILAHLSGDENLVKAEEGIDVHTLTASRIENVKPEEVNEEMRRVGKVNFSIIVGVTPLYGLSVRLGPVKEAEKM The

 788 MDLYFERYPCVLPBYMERTRAQAKEOGYVETLDGRRLYIIPDIKSSNGARRAAERAAINAPMQTAADIICKRAMIAVDAAL Eco
 756 IINNYFVLYPKVRDYLQRVSEAKEKGYVRTLFGRKRDIPQLMARDRNTQAEGERIAINTPIQGTAADIICKLAMIEIDREL Tma
 756 IISYFTLYPKVRSYIQQVVAEAKEKGYVRTLFGRKRDIPQLMARDKNTQSEGERIAINTPIQGTAADIICKLAMIDIDEEL The

 868 QAEOPRVRMIVQVHDELVFEVHKDDVDAVAKOIHOLMENCTRUDVPLLVEVGSGEWDOAH. Eco
 836 KERKMRSKMIIQVHDELVFEVPNEEKDALVELVKDRMTNVVKLSVPLEVDVIIIGKWS. Tma
 836 RKRNMKSRMIIQVHDELVFEVPDEEKEELVLVKNKMTNVVKLSVPLEVDISIGKWS. The

FIGURE 4

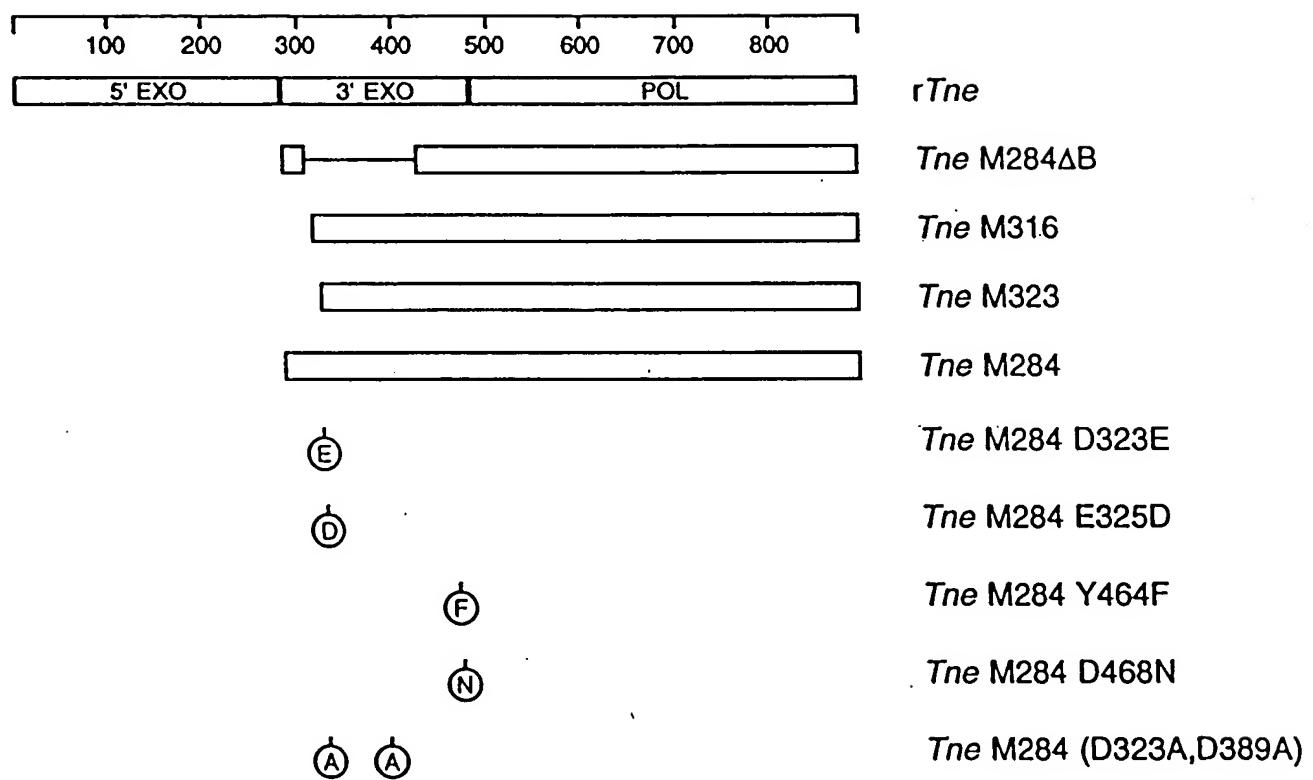
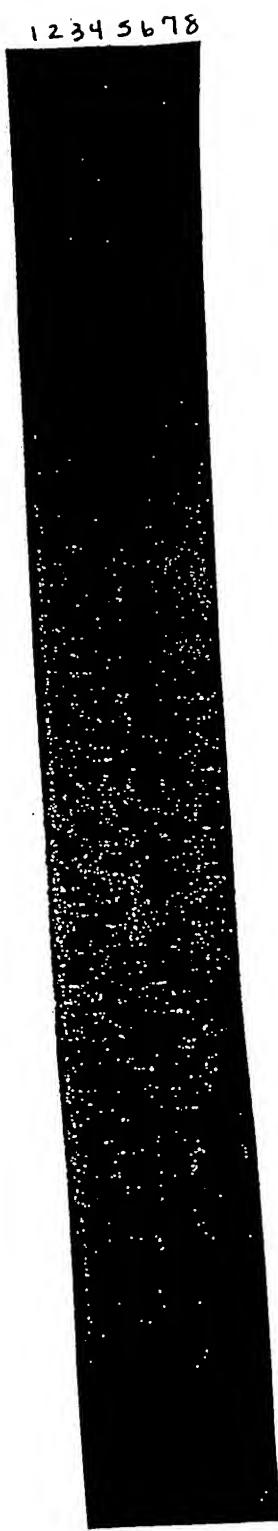


FIGURE 5

A



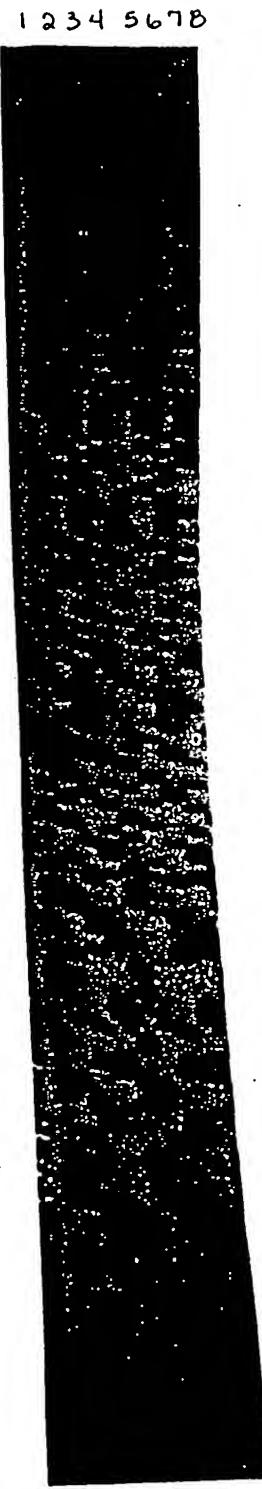
B

1234 5678



FIGURE 6

A



B



C

